



# Economic and Social Council

Distr.: General  
4 January 2011

Original: English

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## Economic Commission for Europe

### Inland Transport Committee

#### Working Party on the Transport of Dangerous Goods

##### Joint Meeting of the RID Committee of Experts and the Working Party on the Transport of Dangerous Goods

Berne, 21-25 March 2011

Item 3 of the provisional agenda

##### Standards

### Information on work in progress in CEN

#### Transmitted by the European Committee for Standardisation (CEN)<sup>1, 2</sup>

1. As agreed at the September 2005 session, the CEN consultant will advise the Joint Meeting of work in progress in CEN which will result in standards intended to be referenced in the RID/ADR/ADN.

#### I. New work items

2. With respect to CEN's work programme the Joint Meeting is invited to take note that the following new work items related to the transport of dangerous goods have officially been added to the programme of CEN/TC's 023, 261, 286 and 296 since the last session or have been agreed upon based on resolutions taken by these CEN Committees:

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<sup>1</sup> In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208, para.106, ECE/TRANS/2010/8, programme activity 02.7 (c)).

<sup>2</sup> Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2011/3

<i>Responsible standardizing body</i>	<i>Work item No.</i>	<i>Reference</i>	<i>Title</i>
CEN/TC 023	'00023152	prEN ISO 22435 rev	Gas cylinders - Cylinder valves with integrated pressure regulators - Specification and type testing
CEN/TC 023	00023154	EN 12245:2009/FprA1	Transportable gas cylinders - Fully wrapped composite cylinders
CEN/TC 023	'00023158	FprEN ISO 22434	Transportable gas cylinders - Inspection and maintenance of cylinder valves (ISO 22434:2006)
CEN/TC 023	00023159	EN ISO 7225:2007/prA1	Gas cylinders - Precautionary labels (ISO 7225:2005/DAM 1:2010)
CEN/TC 023	00023160	FprCEN/TS 16216	Transportable gas cylinders - Replacement of Directive 84/525/EEC - Seamless steel gas cylinders
CEN/TC 023	00023161	FprCEN/TS 16217	Transportable gas cylinders - Replacement of Directive 84/526/EEC - Seamless aluminium alloy gas cylinders
CEN/TC 023	00023162	FprCEN/TS 16218	Transportable gas cylinders - Replacement of EEC Directive 84/527/EEC - Welded unalloyed steel gas cylinders
CEN/TC 023	'00023163	EN ISO 11120:1999/prA1	Gas cylinders - Refillable seamless steel tubes for compressed gas transport, of water capacity between 150 l and 3000 l - Design construction and testing - Amendment 1: Requirements for design of tubes for embrittling gases
CEN/TC 261	'00261392	prEN ISO 16495	Packaging - Transport packaging for dangerous goods - Test methods (ISO/DIS 16495:2010)
CEN/TC 261	'00261393	prEN ISO 13274	Packaging - Transport packaging for dangerous goods - Plastics compatibility testing for packaging and IBCs
CEN/TC 286	00286135	EN1440:2008/prA1	LPG equipment and accessories - Periodic inspection of transportable refillable LPG cylinders
CEN/TC 286	00286127	prEN 14140	LPG equipment and accessories - Transportable refillable welded steel cylinders for LPG - Alternative design and construction
CEN/TC 296	00296049	prEN 14025	Tanks for the transport of dangerous goods - Metallic pressure tanks - Design and Construction
CEN/TC 296	00296060		Requirements for flame traps/arresters in different venting systems

Some of these new work items are subject to approval by the members of CEN.

## **II. New and amended references to standards**

3. Since the last session of September 2010, draft standards were and will be made available for consultation by members of the Joint Meeting on the dedicated CEN webpage. These standards are at steps 2 and 3 of the approval process as listed in the following tables.

4. It is noted that the discontent expressed by the Working Group on Standards during the last session about the form of EN ISO standards submitted to the delegates has not yet led to improvements. Consequently, draft EN ISO standards may still be dispatched, showing the layout of an ISO standard without EN cover sheet and European foreword. However, European common modifications and Annexes may be included in the ISO document.

5. Members of the Joint Meeting may send their comments using the model reproduced in the annex hereto (English only) to the CEN consultant at karol\_wieser@yahoo.de before end of February 2011. All comments will be consolidated in a revision to this document which will be distributed again and be reviewed by the Joint Meeting Working Group on Standards during the March 2011 session.

## Annex

### A. Standards at Stage 2: Submitted for Public Enquiry

Dispatched by CEN on 14.12.2010

[English only]

prEN ISO 11372	Gas cylinders - Acetylene cylinders – Filling conditions and filling inspection (ISO/DIS 11372:2010)		Where to refer in RID/ADR/ADN: 4.1.4.1, P200 (11)	Applicable sub-sections and paragraphs: 4.1.4.1 P200 (5) d and p	
<p>Assessed by CEN consultant on 23.8.10</p> <p>Summary of conclusions:  <i>prEN ISO 11372 can be promoted to the formal vote stage. Some improvements are recommended.</i>  <i>It is candidate for reference in RID/ADR..</i></p> <p>Proposed follow-up action:  <i>This standard needs to be discussed by the STD's WG as a replacement of EN 1801:1998, EN 12754:2001 in RID/ADR/ADN, subsection 4.1.4.1, P200 (11).</i></p>					
<b>Comments from members of the Joint Meeting:</b>					
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards

prEN 16119		LPG equipment and accessories – Sealing caps and plugs for cylinder and tank valves – Specification and testing	Where to refer in RID/ADR/ADN: 6.8.2.6	Applicable sub-sections and paragraphs: 6.8.2.2	
<p>Assessed by CEN consultant on 5.11.2010</p> <p>Summary of conclusions:  <i>prEN 16119 can be promoted to the formal vote stage. Some improvements are recommended.  It is considered to be a candidate for reference in RID/ADR/ADN with respect to the provisions on tank vehicles and tank wagons but not for pressure receptacles.</i></p> <p>Proposed follow-up action:  <i>This standard needs to be discussed by the STD's WG as a candidate for reference in RID/ADR, subsection 6.8.2.6.</i></p>					
<b>Comments from members of the Joint Meeting:</b>					
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards

prEN 14334		LPG equipment and accessories – Inspection and testing of LPG road tankers	Where to refer in RID/ADR/ADN: 6.8.2.6	Applicable sub-sections and paragraphs: 6.8.2.4 (except 6.8.2.4.1) and 6.8.3.4	
Assessed by CEN consultant on 25.11.2010					
Summary of conclusions:					
<i>Due to the nature and extent of the non-compliances with the text of the ADR as to become effective by 1.1.2011 a promotion to the formal vote level cannot be supported. Significant improvements are required.</i>					
<i>The most significant non-compliance is the alternative to the hydraulic pressure test in terms of different options of non-destructive test methods. Such replacement has already been adopted for pressure receptacles and it is assumed that an application for the introduction of this option is submitted also for tanks. If this submission would be prepared for the March 2011 session it could then become effective for the 2013 issue of ADR.</i>					
<i>A series of other deficiencies have been detected and need to be addressed. Details are given in the Annex to this assessment.</i>					
Proposed follow-up action:					
This standard needs to be discussed by the STD's WG for reference in ADR 6.8.2.6, Table, under "For Tanks for Class 2" and related to subsections 6.8.2.4 (except 6.8.2.4.1) and 6.8.3.4..					
<b>Comments from members of the Joint Meeting:</b>					
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards

prEN ISO/DIS 11120.2		Gas cylinders – refillable seamless steel tubes of water capacity between 150 l and 3000 l – Design construction and testing (ISO/DIS 11120.2)	Where to refer in RID/ADR/ADN: 6.2.4.1	Applicable sub-sections and paragraphs: 6.2.3.1 and 6.2.3.4	
Assessment by CEN consultant to be dispatched					
<b>Comments from members of the Joint Meeting:</b>					
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards

## B. Standards at Stage 3: Submitted for Formal vote

Dispatched by CEN on 14.12.2010

[English only]

FprEN ISO 7866	Gas cylinders – refillable seamless aluminium alloy gas cylinders (ISO/DIS 7866:2007)		Where to refer in RID/ADR/ADN: 6.2.4.1	Applicable sub-sections and paragraphs: 6.2.3.1.and 6.2.3.4			
<p>Assessed by CEN consultant on 9.12.2010</p> <p>Summary of conclusions:</p> <p><i>There are no non-compliances between FprEN FDIS 7866 and RID/ADR/ADN 2011, except for the allowance in the standard to replace the hydraulic pressure test by the volumetric expansion test.</i></p> <p><i>This may lead to a restricted reference, excluding this option.</i></p> <p><i>Comments by the Standards Working Group on the second enquiry text of the standard and of my negative assessment of the first FV text been addressed to some extent. Some clauses fail to cope with those in comparable standards, such as the EN ISO 9809 standard series.</i></p> <p><i>Additional editorial deficiencies were detected – both in the ISO part and the European Annex which need to be corrected prior to printing (see Annex to this assessment).</i></p> <p>Proposed follow-up action:</p> <p><i>This standard needs to be discussed by the Working Group on Standards for reference in RID/ADR 6.2.4.1, Table, under “for design and construction” and related to subsections 6.2.3.1 and 6.2.3.4.</i></p>							
<b>Comments from members of the Joint Meeting:</b>							
Country	Clause No.	Comment (justification for change)		Proposed change	Comment from CEN Consultant	Comment from WG Standards	
<b>Decision of the STD's WG:</b>		Accepted	Comments		Proposed transition regulation	Applicable for new type approvals or for renewals	Latest date for withdrawal of existing type approvals
		Refused Postponed				Until further notice	

### C. Published Standards

Dispatched by CEN on .14.12.2010

[English only]

EN ISO 13340:2001	Transportable gas cylinders – Cylinder valves for non-refillable cylinders – Specification and prototype testing		Where to refer in RID/ADR/ADN: 6.2.4.1	Applicable sub-sections and paragraphs: 6.2.3.1 and 6.2.3.3	
<p>Assessed by CEN consultant on 12.12.2010</p> <p>Summary of conclusions:</p> <p><i>Generally, EN ISO 13340:2001 complies with the relevant provisions of RID/ADR 2011. Some critics in the assessment of the enquiry draft have been addressed. Some improvements for full coverage of RID/ADR provisions and additional improvements would be possible.</i></p> <p><i>With respect to the normative reference EN 720-2 it couldn't be seen whether there is a possible non-compliance with the requirements in RID/ADR 2.2.2.1.5 which refers to ISO 10156:1996.</i></p> <p><i>It is proposed that a revision under the Unique Acceptance Procedures is launched in order to improve the standard as necessary and as described in this assessment.</i></p> <p>Proposed follow-up action:</p> <p><i>This standard needs to be discussed by the STD's WG as a candidate for reference in RID/ADR, section 6.2.4.1, Table, under "for closures".</i></p>					
<b>Comments from members of the Joint Meeting:</b>					
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards
Decision of the STD's WG:	Accepted Refused Postponed	Comments	Proposed transition regulation	Applicable for new type approvals or for renewals	Latest date for withdrawal of existing type approvals
				Until further notice	